

# Preclinical validation of Notch therapeutics for cancer treatment

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## **Propositions**

**Belonging to the thesis entitled**

**“Preclinical validation of Notch therapeutics for cancer treatment”**

**Sanaz Yahyanejad**

**15 October, 2015**

1. NOTCH4 is functionally very different from other NOTCH receptors and despite our very intense study and the others on understanding its activation mechanism, there still remains a lot of unanswered questions. (*this thesis*)
2. The findings of this thesis offer an opportunity to develop new treatment strategies for the treatment of glioblastoma. (*this thesis*)
3. There is a great need to develop safe and efficient NOTCH-based therapies. (*this thesis*)
4. An image-guided precision irradiator and a dedicated treatment planning system are required for accurate irradiation in preclinical studies to more closely mimic clinical practice. (*this thesis*)
5. Understanding the Notch expression status of different tumors would be invaluable for scheduling an appropriate treatment on patients who will likely benefit from Notch targeted therapies. (*Valorization*)
6. Science is always wrong, it never solves a problem without creating ten more. (*George Bernard Shaw*)
7. Climb mountains not so the world can see you, but so you can see the world. (*David McCullough*)
8. Some beautiful paths cannot be discovered without getting lost. (*Erol Ozan*)
9. The real voyage of discovery consists not in seeking new landscapes, but in having new eyes.” (*Marcel Proust*)
10. When all the details fit in perfectly, something is probably wrong with the story. (*Charles Baxter*)
11. Choose a job you love, and you will never have to work a day in your life. (*Confucius*)